

AMENDMENTS TO THE CLAIMS

Claims 1-17: (Canceled)

Claim 18 (Original): In a searcher, a method of determining a phase offset of a signal, the method comprising the steps of:

- a) receiving the signal having a first code sequence in a memory;
- b) receiving an additional signal having a second code sequence at a plurality of computation circuits;
- c) implementing a unique phase offset for the second code sequence in each of the plurality of computation circuits by temporarily storing the second code sequence in a memory buffer with varying size to provide the unique phase offset to each of the plurality of computation circuits; and
- d) correlating the second code sequence having the unique phase offsets with the first code sequence in each of the respective plurality of computation circuits.

Claims 19-25 (Canceled)

Claim 26 (Original): A communication device for processing data signals, the communication device comprising:

- a transceiver for receiving a signal having a first code sequence;
- a code generator for generating a second code sequence;

a searcher coupled to the transceiver and to the code generator, the searcher having a plurality of computation circuits for correlating in parallel the first code sequence and the second code sequence at a plurality of offsets; and at least one memory block coupled to at least one of the plurality of computation circuits, the memory block having a variable length to implement a variable offset between the first code sequence and the second code sequence.

Claims 27-28 (Canceled)